

# Converting Colors

Hex(9BC1D8)

Have a look what the booklet for  
Hex(9BC1D8) contains.

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# **Color**

**Hex(9BC1D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BC1D8
RGB	155, 193, 216
RGB Percent	61%, 76%, 85%
CMY	0.3922, 0.2431, 0.1529
CMYK	0.28, 0.11, 0.00, 0.15
HSL	203°, 44%, 73%
HSV	203°, 28%, 85%
XYZ	44.9822, 50.0664, 72.2587
YIQ	184.2600, -30.0310, -0.9030

# Conversions

## Conversions Part 2

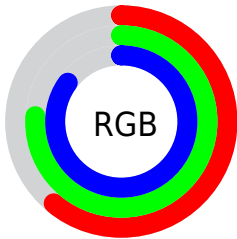
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 178, 216
Decimal	10207704
CIELab	76.11, -7.38, -15.64
CIELCh	76, 17.294, 244.742
Yxy	50.0664, 0.2689, 0.2992
Android (android.graphics.Color)	4288397784 (0xFF9BC1D8)
YUV	184.2600, 15.6478, -25.6610
Hunter-Lab	70.7576, -10.3493, -11.0175

# Details

The Hex color **9BC1D8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D8B29B**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **D3F9FF**, and **668CA1** is the 20% darker color. If you saturate the color by 10%, you get **85B9D8**, and if you desaturate by 10%, it is **B1C9D8**.

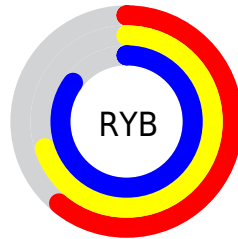
# Distribution



Red (61%)

Green (76%)

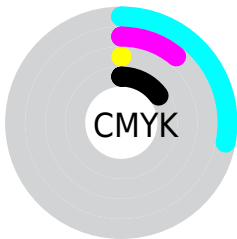
Blue (85%)



Red (61%)

Yellow (70%)

Blue (85%)

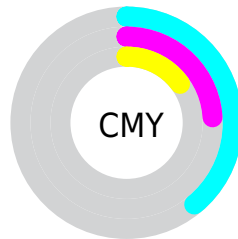


Cyan (28%)

Magenta (11%)

Yellow (0%)

Black (15%)



Cyan (39%)

Magenta (24%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BC1D8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9BC1D8 by changing the saturation by 10% instead.



■ 9BC1D8

■ 9BC1D8

FFFFFF

■ 80A6BC

■ D3F9FF

■ 668CA1

■ EFFFFFF

■ 4D7287

■ 335A6E

■ 194255

■ 002C3E

■ 001828

■ 000113

■ 000000

 9BC1D8

 9BC1D8

 85B9D8

 B1C9D8

 70B1D8

 C6D1D8

 5AA9D8

 DCD9D8

 45A0D8

 F1E2D8

 2F98D8

 FFEAD8

 1990D8

 FFF2D8

 0488D8

 FFFAD8

 0087D8

 FFFF8D8

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92C4CD



9BC1D8



ADBCDB

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9BC1D8



DCB1BA



B4C0A1

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9BC1D8



D8B29B

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C6BB9C



9BC1D8



DDB2AA

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9BC1D8



D3B2CA



D4B69F



A2C4AE

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9BC1D8



BBB9D9



D4B69F



BABF9F

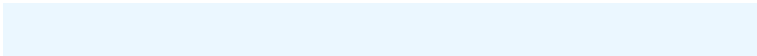


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9BC1D8



EBF7FF



9BD8B1



737B80



000000



808080

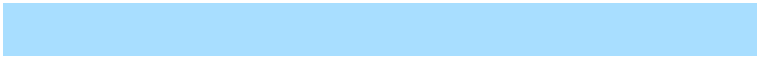


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9BC1D8



A8DEFF



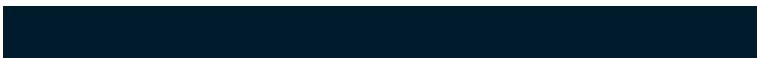
9BA3D8



60676B



006AAB



001B2B



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D89BC1



FFA8DE



D8D09B



6B6067



AB006A

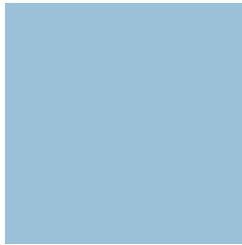


2B001B



# Previews

## White Background



This preview shows how the Hex color 9BC1D8 looks on a white background.

## Color Contrast Check

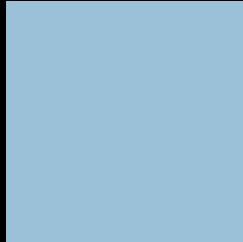
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 9BC1D8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

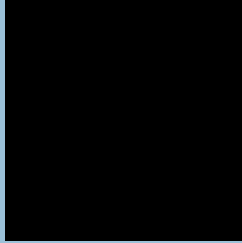
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BC1D8 Background



This preview shows how black text looks on a background with the Hex color 9BC1D8.

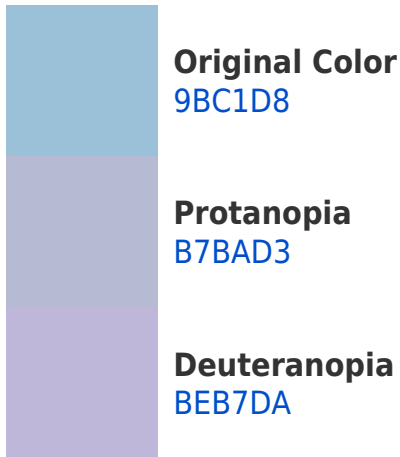


This preview shows how white text looks on a background with the Hex color 9BC1D8.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

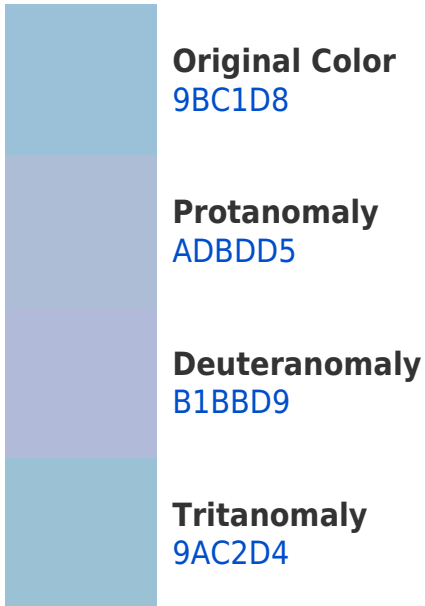
## Dichromacy



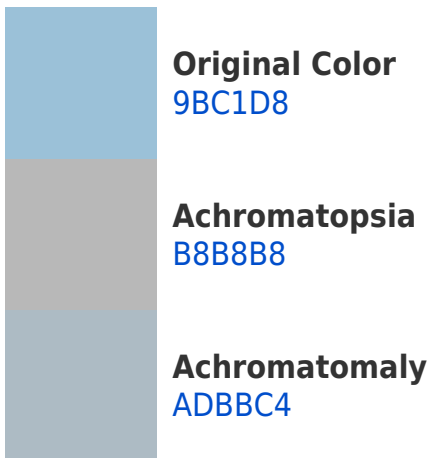


**Tritanopia**  
9AC2D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BC1D8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9BC1D8 looks like.

```
.text, #text, p{  
    color:#9BC1D8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9BC1D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BC1D8  
}
```

## Border

The CSS property to change the border of an element to Hex 9BC1D8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9BC1D8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9BC1D8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #9BC1D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BC1D8; -webkit-box-shadow:4px 4px  
4px 4px #9BC1D8; box-shadow:4px 4px 4px  
4px #9BC1D8 }
```

# Background

The CSS property to change the background color of an element to Hex 9BC1D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BC1D8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9BC1D8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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